



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/789,909	02/27/2004	Karapet Ablabutyanyan	23451-042	8918
36614	7590	10/21/2005	EXAMINER	
MANATT PHELPS AND PHILLIPS ROBERT D. BECKER 1001 PAGE MILL ROAD, BUILDING 2 PALO ALTO, CA 94304			GREENHUT, CHARLES N	
			ART UNIT	PAPER NUMBER
			3652	

DATE MAILED: 10/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/789,909

Applicant(s)

ABLABUTYAN ET AL.

Examiner

Charles N. Greenhut

Art Unit

3652

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 October 2004 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

I. Drawings

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the ground plate recited in claim 6 and 16 and the static opener arm recited in claim 17 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.
2. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

II. Claim Objections

1. Claim 9 is objected to because "the push" should read "to push" in line 2.

III. Claim Rejections - 35 USC § 102

Art Unit: 3652

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. Claims 1-12 are rejected under USC § 102(b) as being anticipated by MCCARTY (US 3,138,270 A).

1.1. With respect to claim 1, MCCARTY discloses a parallelogram linkage (19)/(15)/(17)/(20), a platform (16) and active opener arm (29).

1.2. With respect to claim 2, MCCARTY additionally discloses the arm capable of receiving the platform.

1.3. With respect to claim 3, MCCARTY additionally discloses the arm capable of lifting the platform.

1.4. With respect to claim 4, MCCARTY additionally discloses the arm actuated mechanically by lowering or raising the linkage.

1.5. With respect to claim 5, MCCARTY additionally discloses the arm actuated by an actuator (27).

1.6. With respect to claim 6, MCCARTY additionally discloses the arm actuated by a ground plate (Col. 3 Li. 33-35).

1.7. With respect to claim 7, MCCARTY discloses a main frame (12) having a lower (15) and upper (19) coupling, a shackle (at 16) having a lower (17) and upper (20) coupling, a lower arm (14) rotably coupled to the lower frame coupling and lower shackle coupling, an upper arm (21) rotably coupled to the upper frame coupling and

the upper shackle coupling, the upper arm coupling being lower than a horizontal plane defined by the lower arm coupling, the upper and lower frame couplings and the upper and lower shackle couplings substantially forming corners of a parallelogram (19)/(15)/(17)/(20), upper and lower arms having parallel axis of rotation, active opener arm (29) slidably coupled to the upper arm coupling (via (27)/(26)), rotating the arms causing the active arm to rotate about the lower arm coupling.

1.8. With respect to claim 8, MCCARTY additionally discloses a platform (16) coupled to the shackle.

1.9. With respect to claim 9, MCCARTY additionally discloses lowering the arms causing the opener to push the platform away from the arms (Figs. 5-3).

1.10. With respect to claim 10, MCCARTY additionally discloses raising the arms causing the opener to lower the platform toward the arms (Figs 3-5).

1.11. With respect to claim 11, MCCARTY discloses a means for carrying a load (16), means for lowering and raising the load (21)/(14) and means for assisting a user in stowing and unstowing the means for carrying the load (29).

1.12. With respect to claim 12, MCCARTY discloses an active opener arm (29) coupled to the parallelogram linkage.


IV. Conclusion

1. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Art Unit: 3652

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles N. Greenhut whose telephone number is (571) 272-1517. The examiner can normally be reached on 7:30am - 4:00pm EST.
3. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eileen D. Lillis can be reached on (571) 272-6928. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.
4. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CG


EILEEN D. LILLIS
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600